

# Katerina Garane

## List of Publications by Year in descending order

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16  
papers

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citations

1040056

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1125743

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g-index

32  
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32  
docs citations

32  
times ranked

609  
citing authors

#	ARTICLE	IF	CITATIONS
1	TROPOMI/S5P total ozone column data: global ground-based validation and consistency with other satellite missions. Atmospheric Measurement Techniques, 2019, 12, 5263-5287.	3.1	77
2	Direct spectral measurements with a Brewer spectroradiometer: absolute calibration and aerosol optical depth retrieval. Applied Optics, 2005, 44, 1681.	2.1	64
3	Validation of the IASI FORLI/EUMETSAT ozone products using satellite (GOME-2), ground-based (Brewer and Dobson, SAOZ, FTIR) and ozonesonde measurements. Atmospheric Measurement Techniques, 2018, 11, 5125-5152.	3.1	47
4	Comparison of satellite-derived UV irradiances with ground-based measurements at four European stations. Journal of Geophysical Research, 2006, 111, .	3.3	46
5	Solar UV Irradiance in a Changing Climate: Trends in Europe and the Significance of Spectral Monitoring in Italy. Environments - MDPI, 2020, 7, 1.	3.3	39
6	Quality assessment of the Ozone_cci Climate Research Data Package (release 2017) – Part 1: Ground-based validation of total ozone column data products. Atmospheric Measurement Techniques, 2018, 11, 1385-1402.	3.1	26
7	Factors affecting solar ultraviolet irradiance measured since 1990 at Thessaloniki, Greece. International Journal of Remote Sensing, 2009, 30, 4167-4179.	2.9	18
8	Validation of the Tropospheric Monitoring Instrument (TROPOMI) surface UV radiation product. Atmospheric Measurement Techniques, 2020, 13, 6999-7024.	3.1	17
9	Portable device for characterizing the angular response of UV spectroradiometers. Applied Optics, 2005, 44, 7136.	2.1	13
10	Quality assurance of the Greek UV Network: preliminary results from the pilot phase operation. , 2006, , .		9
11	Estimation of UV irradiance from ancillary data and comparison with measurements at Thessaloniki, Greece (40.5°N, 23°E). , 2006, , .		8
12	Temperature dependence of the Brewer global UV measurements. Atmospheric Measurement Techniques, 2017, 10, 4491-4505.	3.1	8
13	Quality assessment of the Ozone_cci Climate Research Data Package (release 2017) – Part 2: Ground-based validation of nadir ozone profile data products. Atmospheric Measurement Techniques, 2018, 11, 3769-3800.	3.1	7
14	Variability of spectral UV irradiance at Thessaloniki, Greece, from 15 years of measurements. , 2005, , .		4
15	Evaluating the Performance of the RegCM-Chem4 Model in the Simulation of Ozone Levels During Heat Waves in China. Springer Atmospheric Sciences, 2017, , 1051-1057.	0.3	1
16	Towards an Algorithm for Near Real Time Profiling of Aerosol Species, Trace Gases, and Clouds Based on the Synergy of Remote Sensing Instruments. EPJ Web of Conferences, 2020, 237, 08023.	0.3	1